

4.2.D. 0801020706

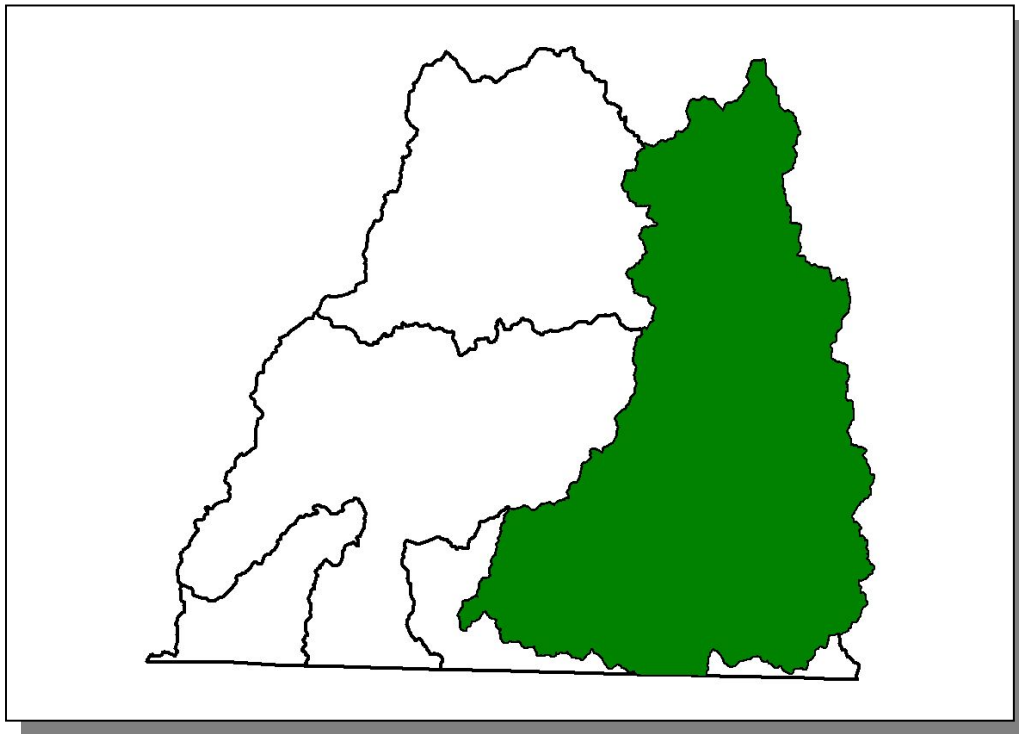


Figure 4-40. Location of Subwatershed 0801020706. All Little Hatchie River HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.D.i. 080102070601 (Upper Cypress Creek).

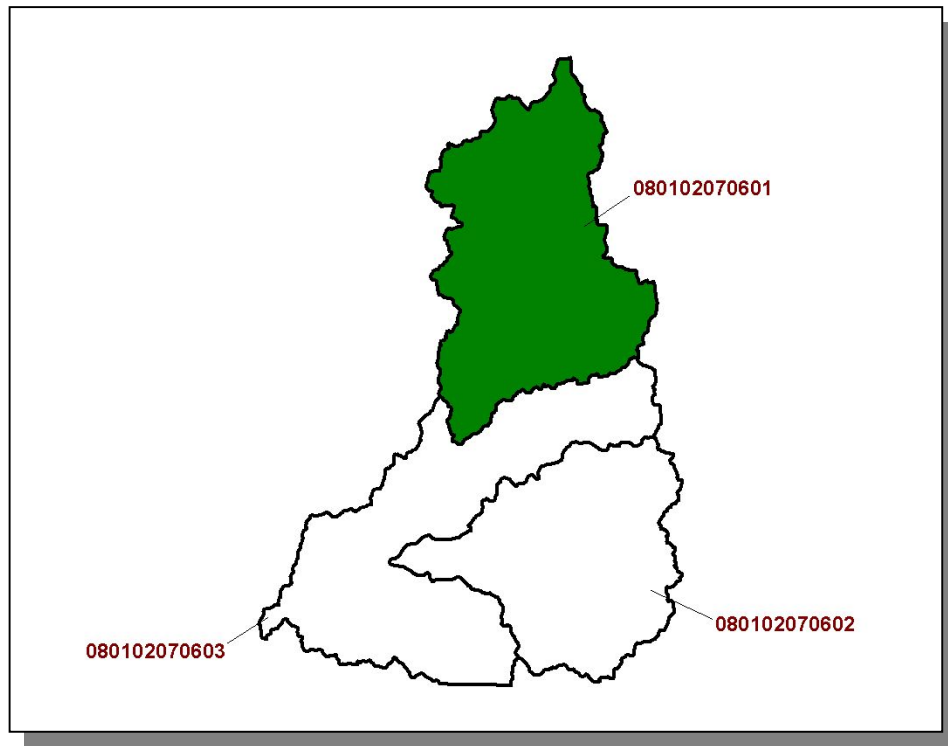


Figure 4-41. Location of Subwatershed 080102070601. All HUC-12 subwatershed boundaries are shown for reference.

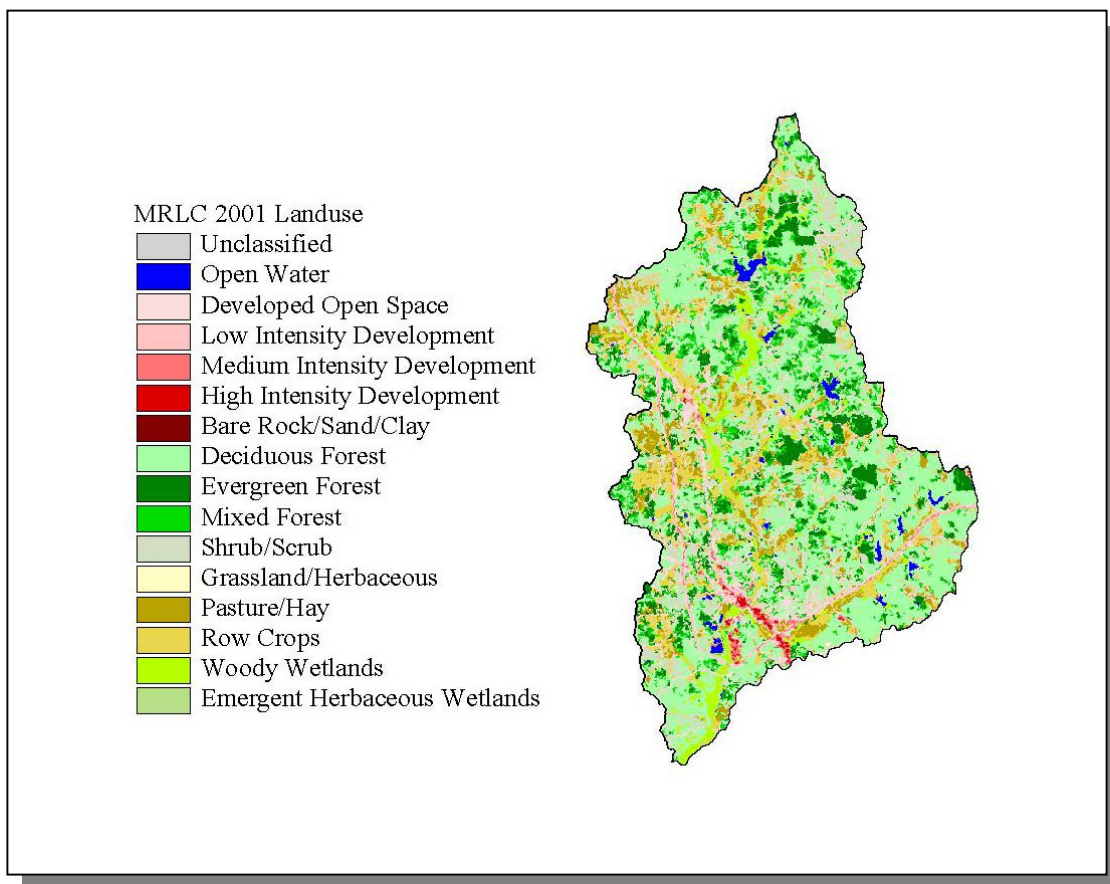


Figure 4-42. Illustration of Land Use Distribution in Subwatershed 080102070601.

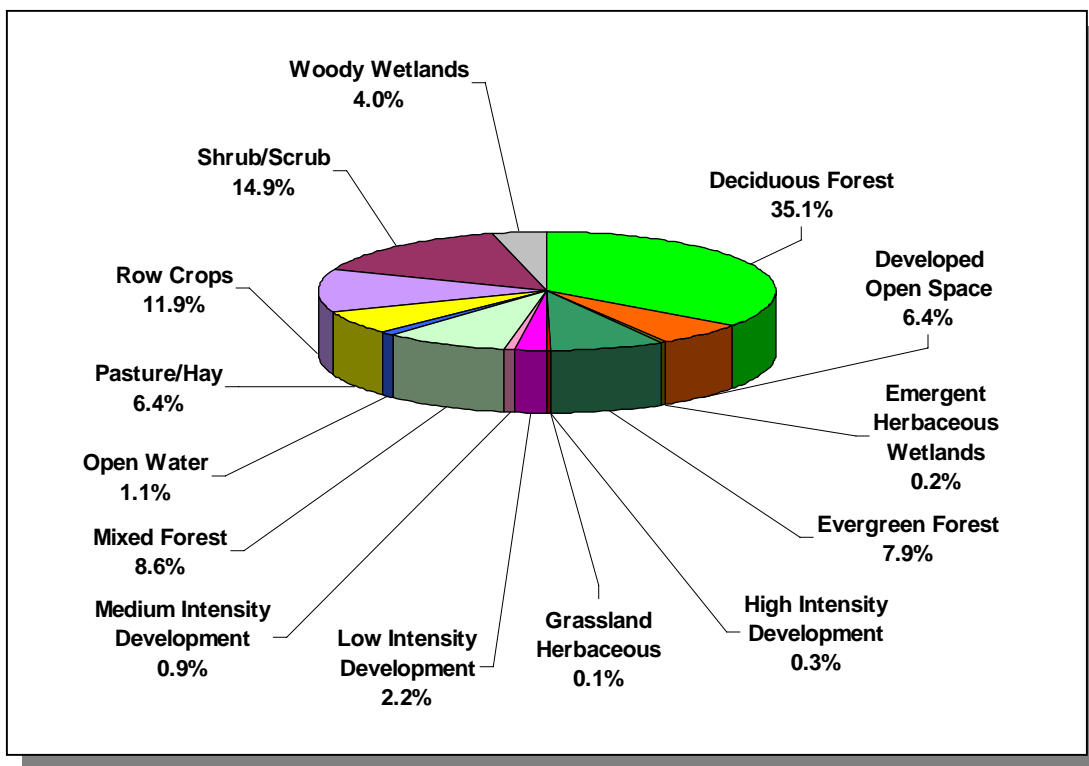


Figure 4-43. Land Use Distribution in Subwatershed 080102070601. More information is provided in Appendix IV.

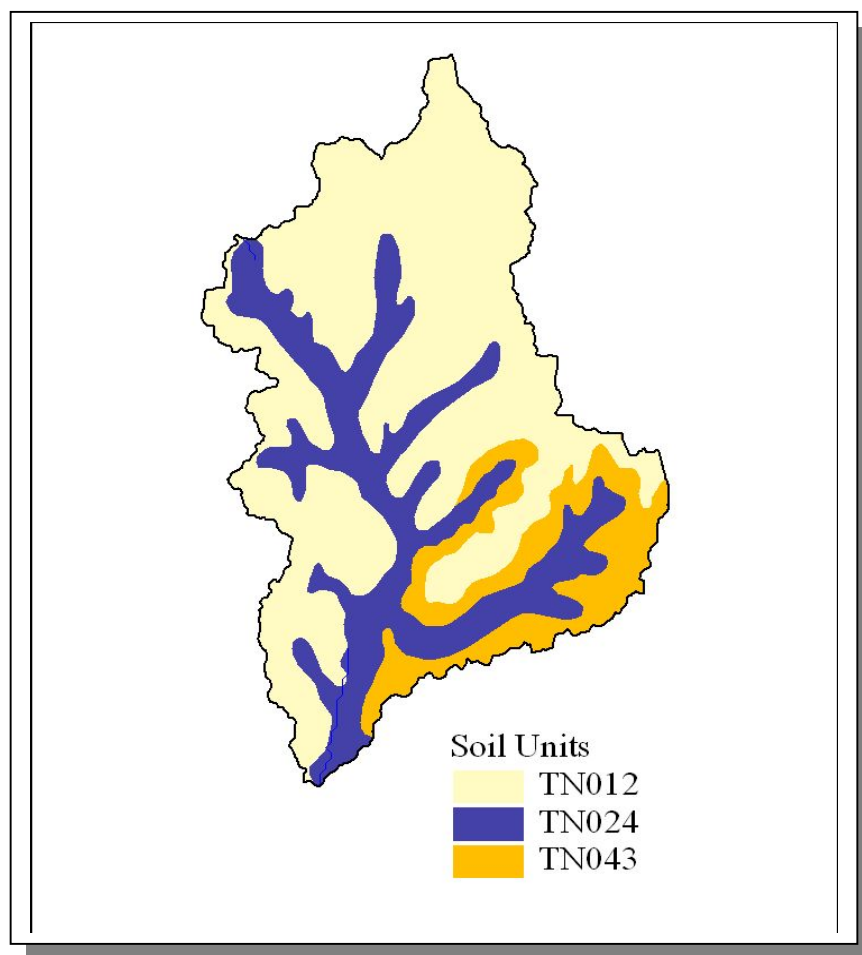


Figure 4-44. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070601.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN024	61.00	D	2.18	5.35	Loam	0.29
TN043	0.00	C	2.70	5.02	Loam	0.30

Table 4-47. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070601. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
McNairy	22,422	23,678	24,653	11.63	2,609	2,755	2,868	9.9

Table 4-48. Population Estimates in Subwatershed 080102070601.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Bethel Springs	McNairy	765	347	9	334	4
Selmer	McNairy	3,838	1,780	1,593	155	32
Total		4,603	2,127	1,602	489	36

Table 4-49. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102070601.

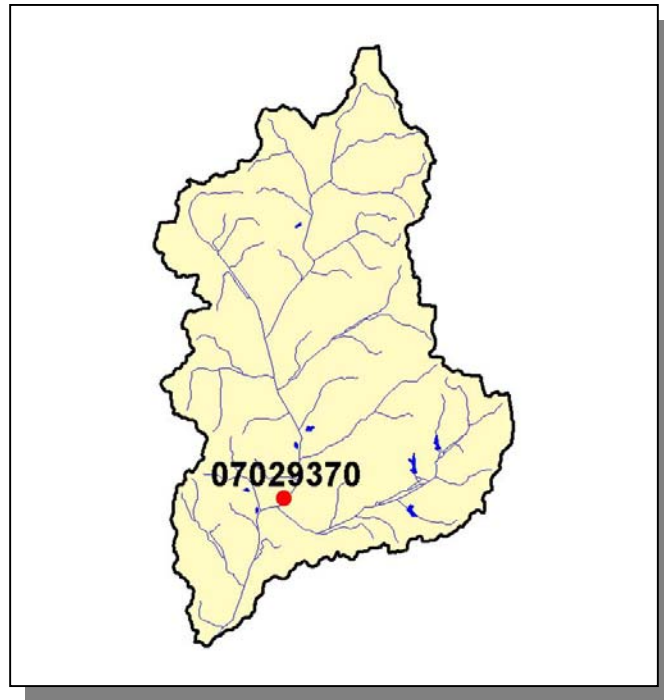


Figure 4-45. Location of Historical Streamflow Data Collection Sites in Subwatershed 080102070601. More information is provided in Appendix IV.

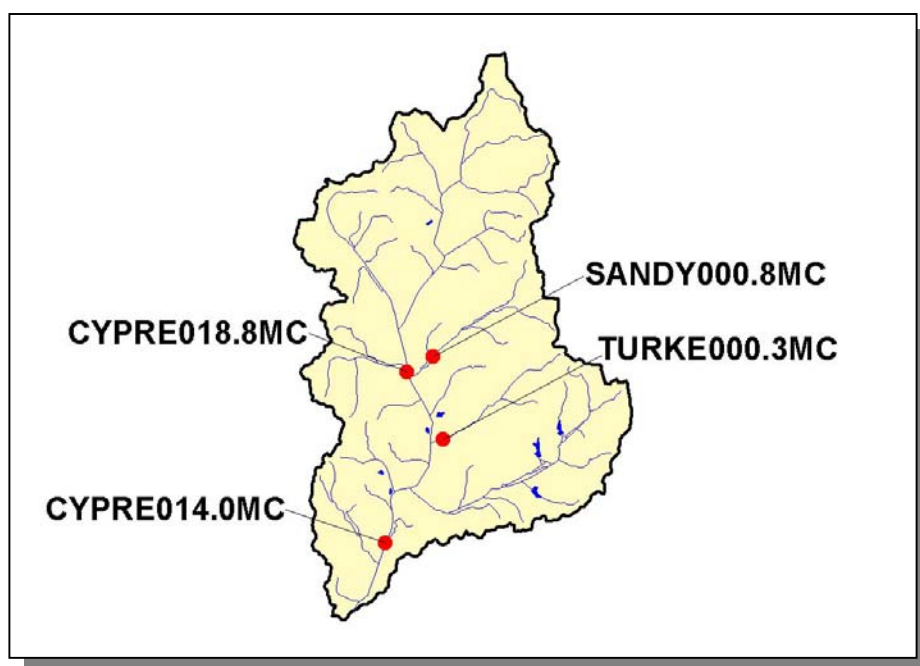


Figure 4-46. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102070601. More information, including site names and locations, is provided in Appendix IV.

4.2.D.i.a. Point Source Contributions.

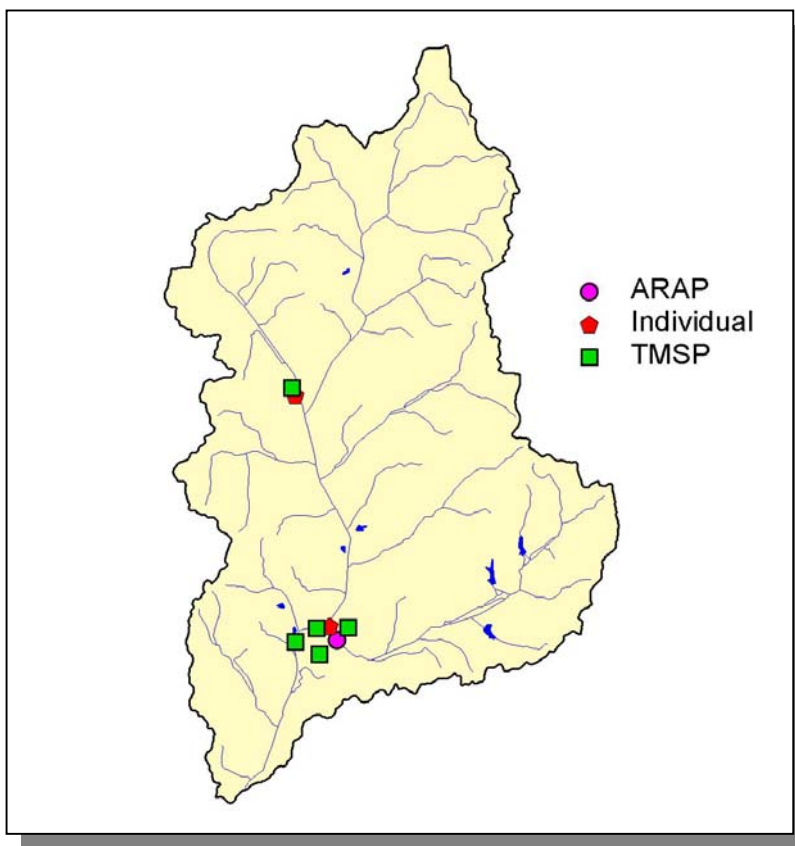


Figure 4-47. Location of Permits Issued in Subwatershed 080102070601. More information, including the names of facilities, is provided in Appendix IV.

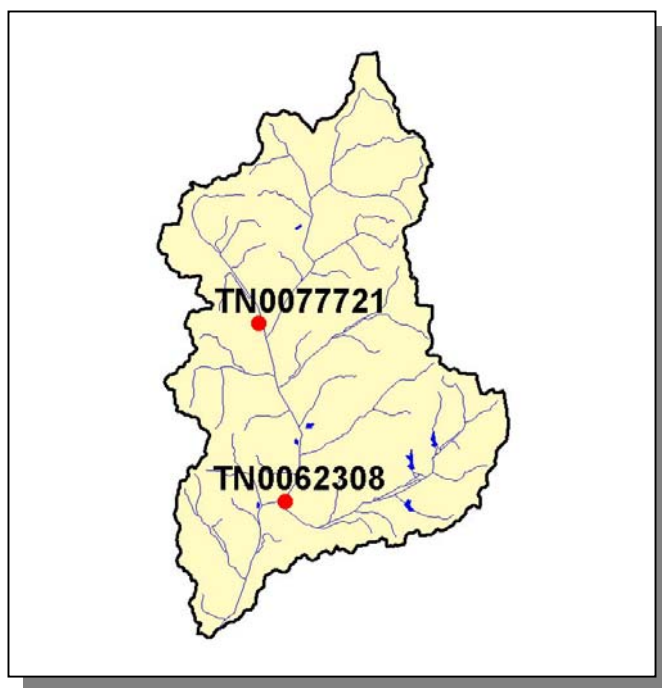


Figure 4-48. Location of Active NPDES Sites in Subwatershed 080102070601. More information, including the names of facilities, is provided in Appendix IV.

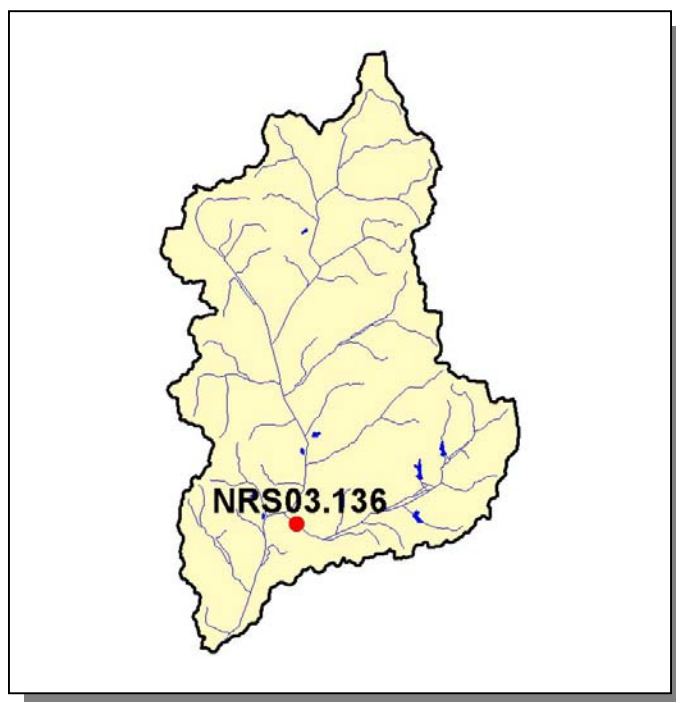


Figure 4-49. Location of Aquatic Resource Alteration Permit (ARAP) Sites (Individual Permits) in Subwatershed 080102070601. More information is provided in Appendix IV.

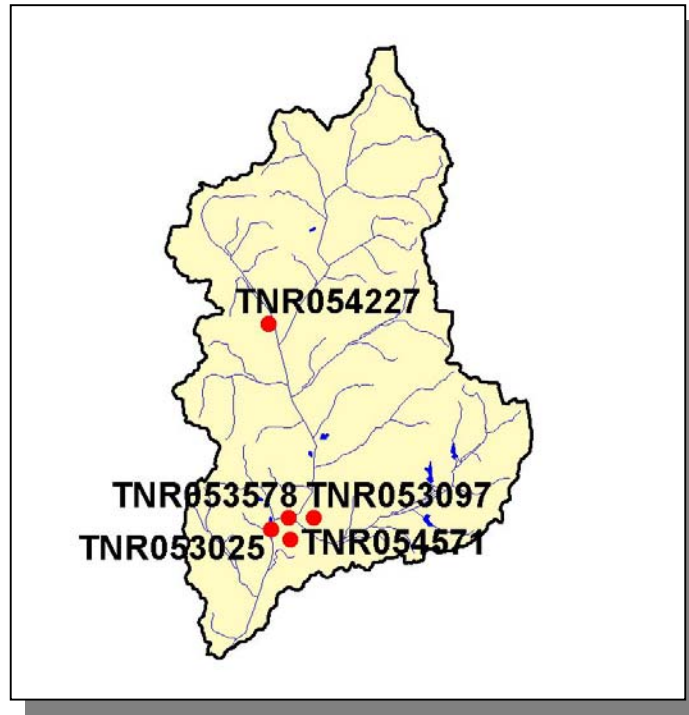


Figure 4-50. Location of TMSP Sites in Subwatershed 080102070601. More information, including the names of facilities, is provided in Appendix IV.

4.2.D.i.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS					
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
535	981	<5	<5	1,073	9

Table 4-50. Summary of Livestock Count Estimates in Subwatershed 080102070601. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), “Cattle” includes heifers, heifer calves, steers, bulls and bull calves; “Chickens” are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
McNairy	5,659	10,365	7	491	11,346	98

Table 4-51. Summary of Livestock Count Estimates in McNairy County. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), “Cattle” includes heifers, heifer calves, steers, bulls and bull calves; “Chickens” are layers 20 weeks and older.

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	INVENTORY		REMOVAL RATE	
County	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
McNairy				

Table 4-52. Forest Acreage and Annual Removal Rates (1987-1994) in McNairy County.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.55
Grass (Hayland)	0.06
Legumes, Grass (Hayland)	0.07
Legumes (Hayland)	0.12
Grass, Forbs, Legumes (Mixed Pasture)	0.58
Corn (Row Crops)	11.02
Cotton (Row Crops)	5.45
Sorghum (Row Crops)	3.62
Soybeans (Row Crops)	9.77
Wheat (Close-Grown Cropland)	1.92
Other Cropland not Planted	2.27
Conservation Reserve Program Lands	0.28
Farmsteads and Ranch Headquarters	0.11

Table 4-53. Annual Estimated Total Soil Loss in Subwatershed 080102070601.

4.2.D.ii. 080102070602 (Muddy Creek).

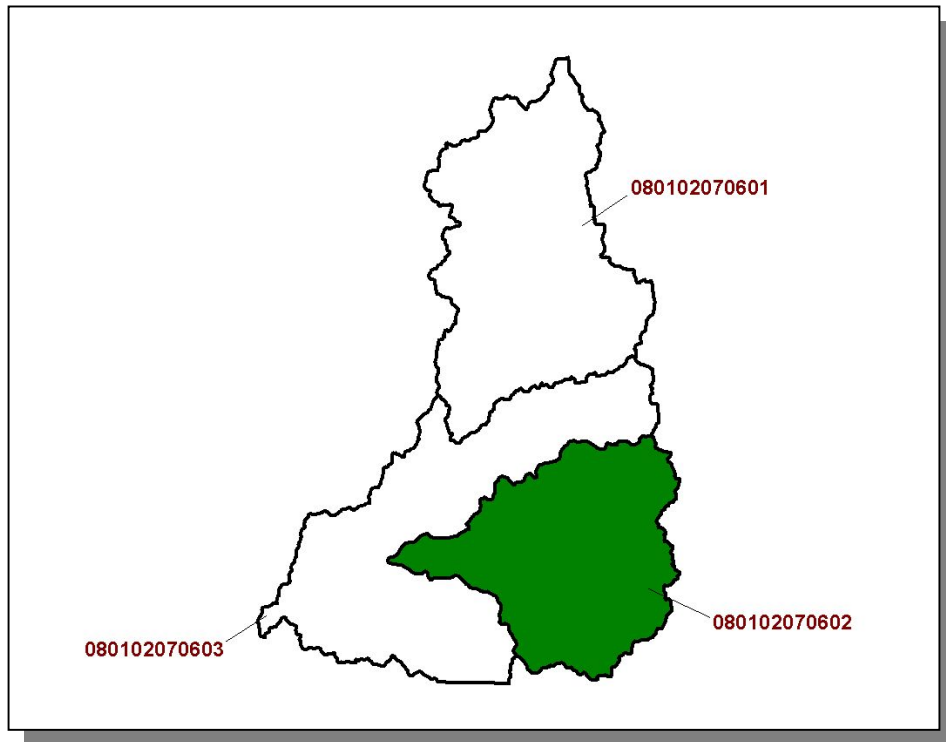


Figure 4-51. Location of Subwatershed 080102070602. All HUC-12 subwatershed boundaries are shown for reference.

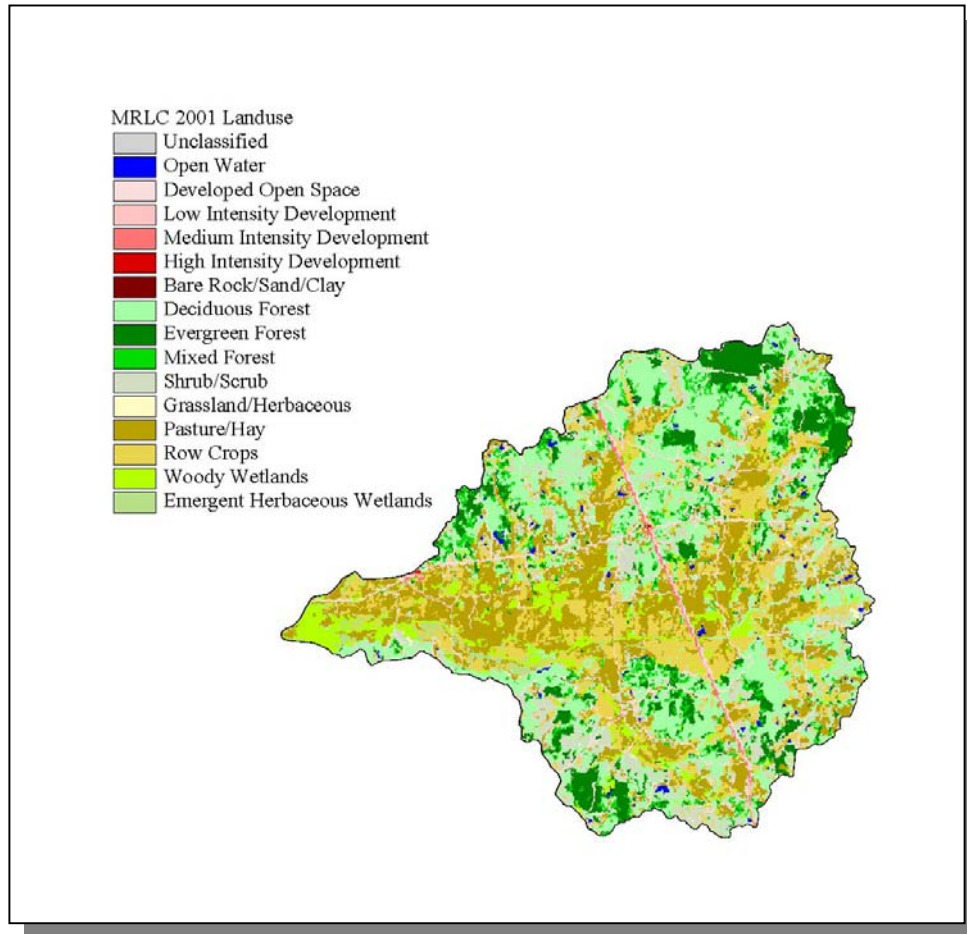


Figure 4-52. Illustration of Land Use Distribution in Subwatershed 080102070602.

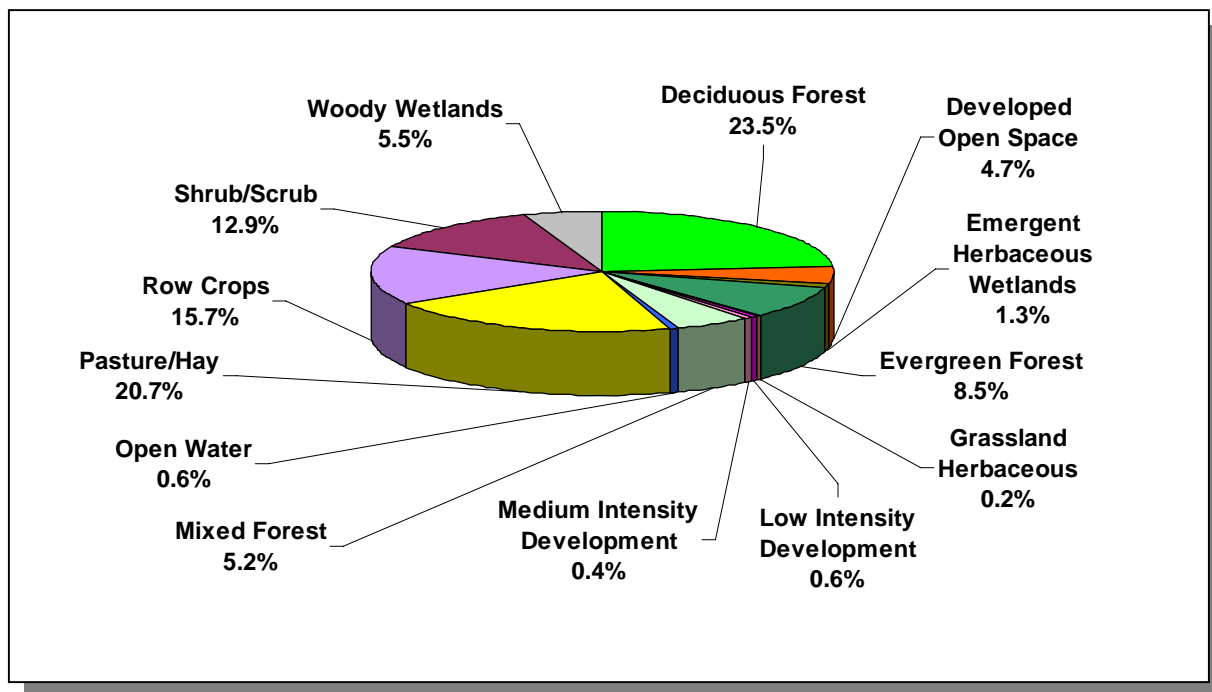


Figure 4-53. Land Use Distribution in Subwatershed 080102070602. More information is provided in Appendix IV.

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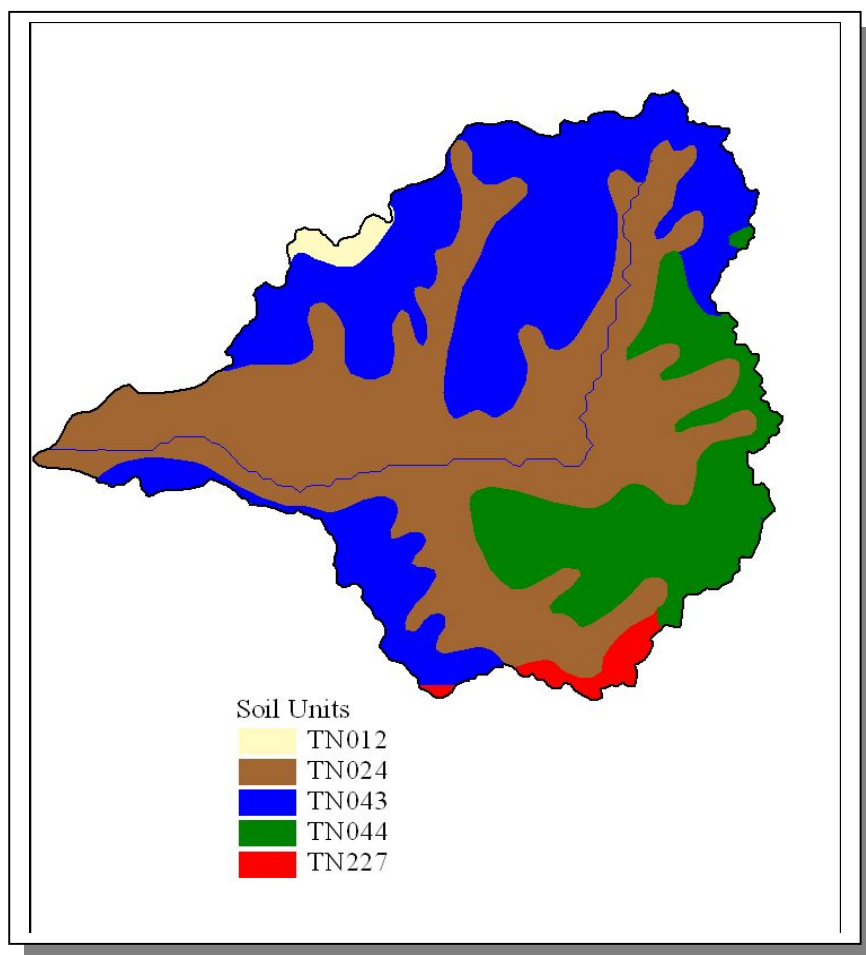


Figure 4-54. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070602.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN024	61.00	D	2.18	5.35	Loam	0.29
TN043	0.00	C	2.70	5.02	Loam	0.30
TN044	0.00	C	1.48	5.32	Silty Loam	0.42
TN227	0.00	C	2.41	5.03	Silty Loam	0.38

Table 4-54. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070602. The definition of "Hydrologic Group" is provided in Appendix IV..

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
McNairy	22,422	23,678	24,653	9.13	2,047	2,162	2,251	10.0

Table 4-55. Population Estimates in Subwatershed 080102070602.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Eastview	McNairy	561	264	7	255	2
Ramer	McNairy	344	145	9	130	6
Total		905	409	16	385	8

Table 4-56. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102070602.

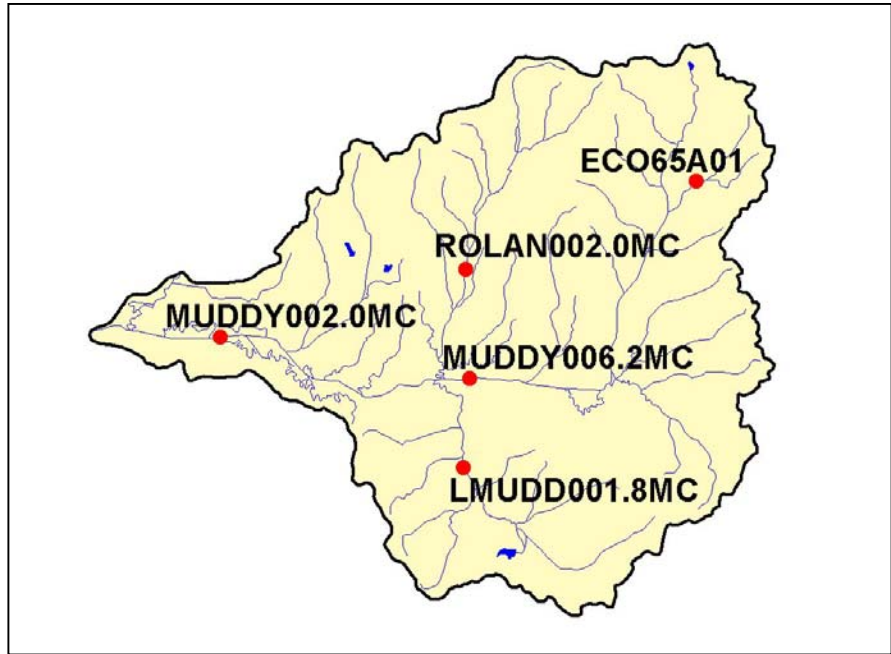


Figure 4-55. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102070602. More information, including site names and locations, is provided in Appendix IV.

4.2.D.ii.a. Point Source Contributions.

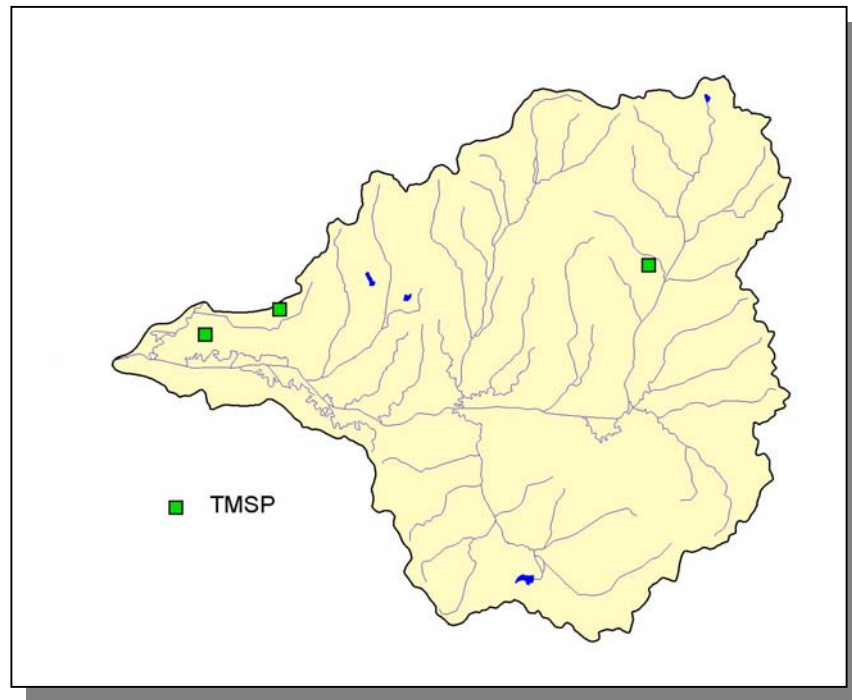


Figure 4-56. Location of Permits Issued in Subwatershed 080102070602. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-57. Location of TMSF Sites in Subwatershed 080102070602. More information, including the names of facilities, is provided in Appendix IV.

4.2.D.ii.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS					
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
884	1,620	<5	<5	1,770	15

Table 4-57. Summary of Livestock Count Estimates in Subwatershed 080102070602. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
McNairy	5,659	10,365	7	491	11,346	98

Table 4-58. Summary of Livestock Count Estimates in McNairy County. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

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	INVENTORY		REMOVAL RATE	
County	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
McNairy				

Table 4-59. Forest Acreage and Annual Removal Rates (1987-1994) in McNairy County.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.55
Grass (Hayland)	0.07
Legumes, Grass (Hayland)	0.07
Legumes (Hayland)	0.07
Grass, Forbs, Legumes (Mixed Pasture)	0.59
Corn (Row Crops)	10.99
Cotton (Row Crops)	5.54
Sorghum (Row Crops)	3.62
Soybeans (Row Crops)	9.74
Wheat (Close-Grown Cropland)	1.92
Other Cropland not Planted	2.27
Conservation Reserve Program Lands	0.28
Farmsteads and Ranch Headquarters	0.10

Table 4-60. Annual Estimated Total Soil Loss in Subwatershed 080102070602.

4.2.D.iii. 080102070603 (Lower Cypress Creek).

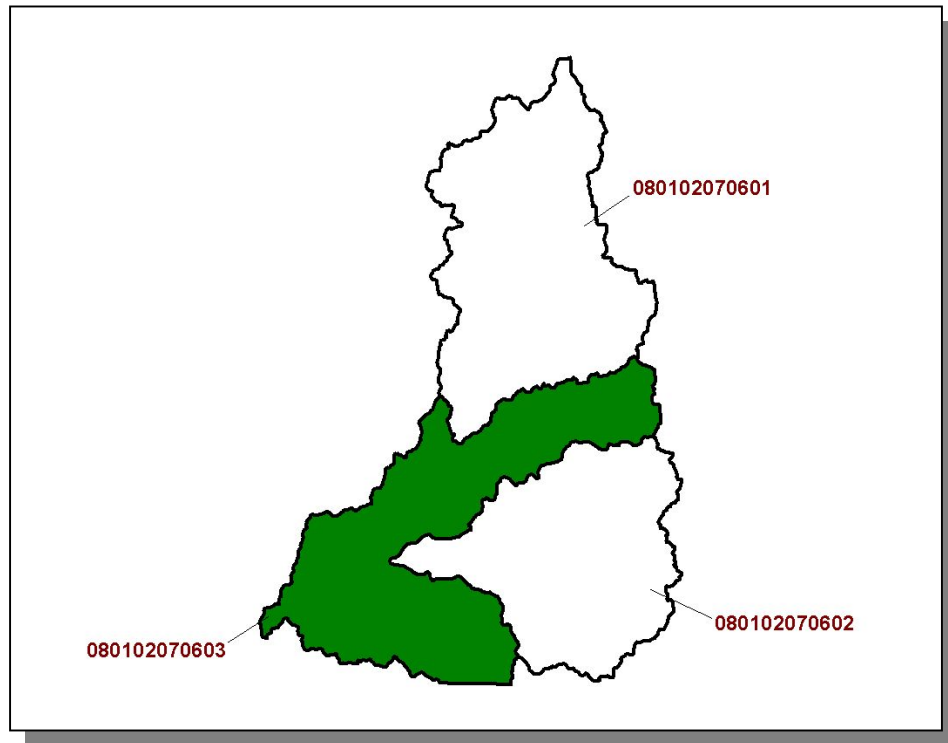


Figure 4-58. Location of Subwatershed 080102070603. All HUC-12 subwatershed boundaries are shown for reference.

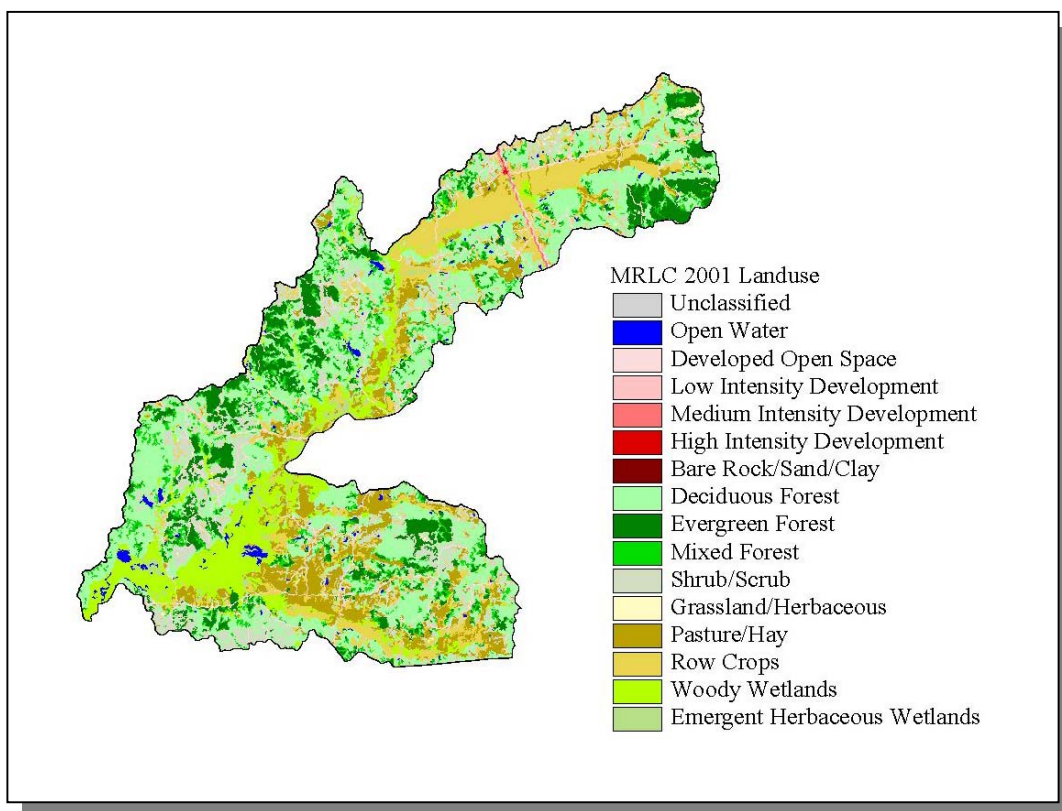


Figure 4-59. Illustration of Land Use Distribution in Subwatershed 080102070603.

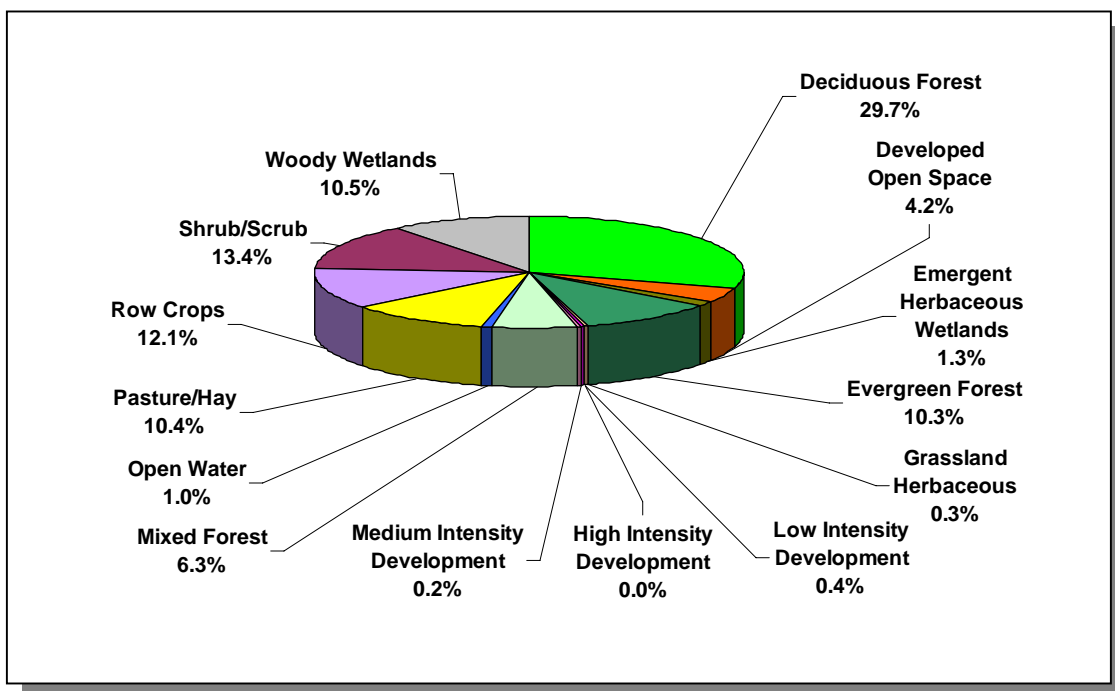


Figure 4-60. Land Use Distribution in Subwatershed 080102070603. More information is provided in Appendix IV.

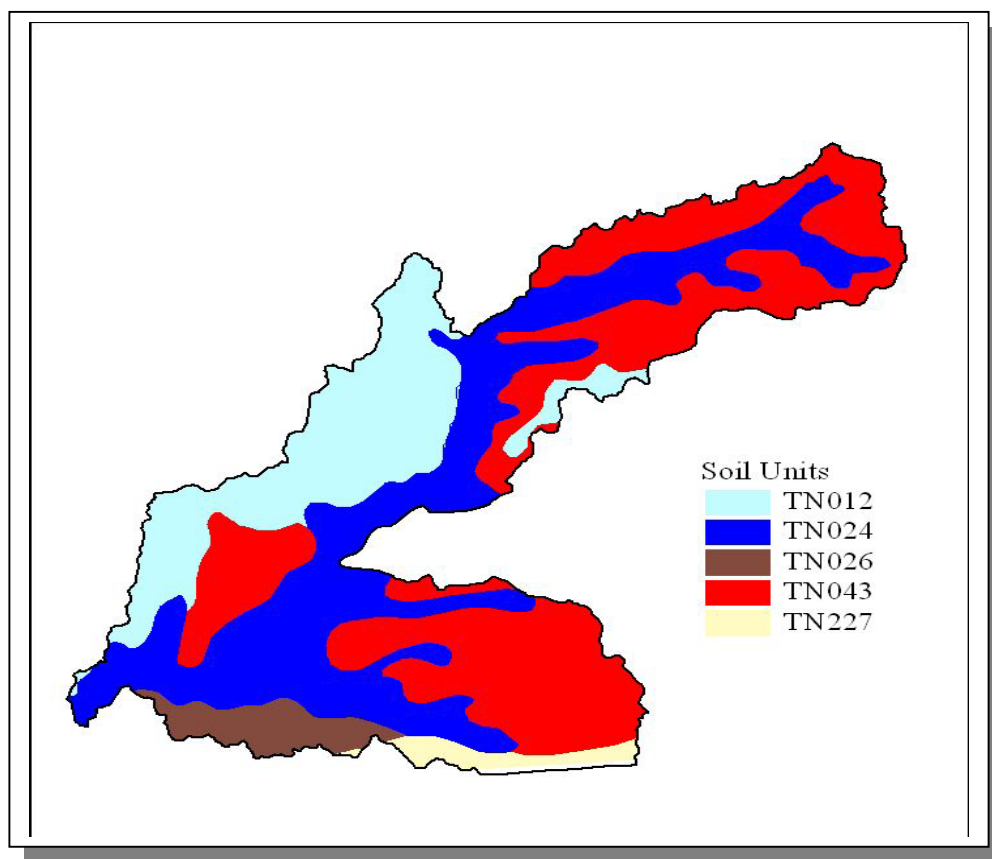


Figure 4-61. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070603.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN024	61.00	D	2.18	5.35	Loam	0.29
TN026	0.00	B	1.52	5.13	Silty Loam	0.40
TN043	0.00	C	2.70	5.02	Loam	0.30
TN227	0.00	C	2.41	5.03	Silty Loam	0.38

Table 4-61. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070603. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
McNairy	22,422	23,678	25,653	11.05	2,477	2,615	2,723	9.9

Table 4-62. Population Estimates in Subwatershed 080102070603.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Eastview	McNairy	561	264	7	255	2
Ramer	McNairy	344	145	9	130	6
Selmer	McNairy	3,838	1,780	1,593	155	32
Total		4,743	4,446	1,609	540	40

Table 4-63. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102070603.

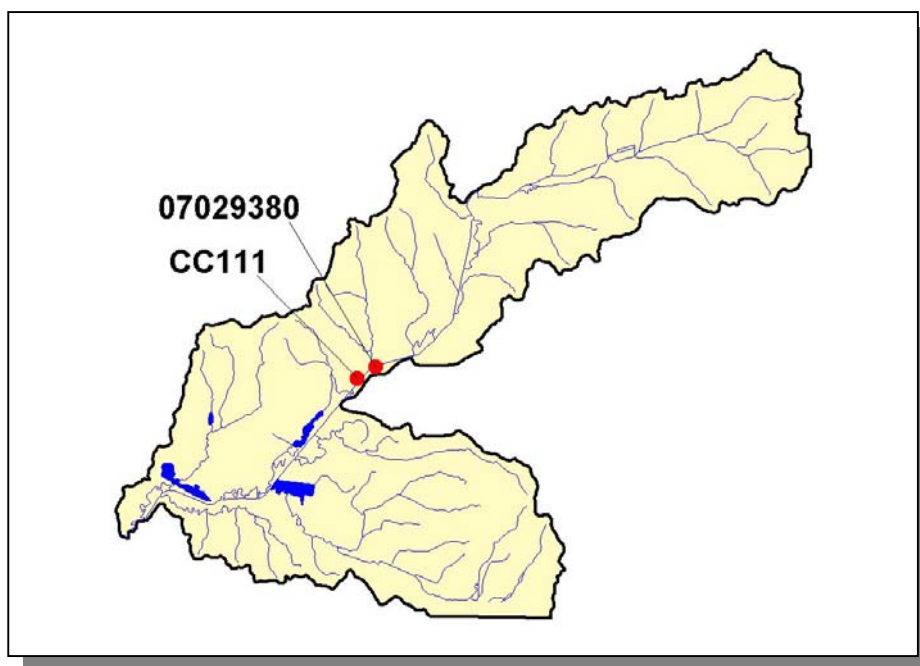


Figure 4-62. Location of Historical Streamflow Data Collection Sites in Subwatershed 080102070603. More information is provided in Appendix IV.

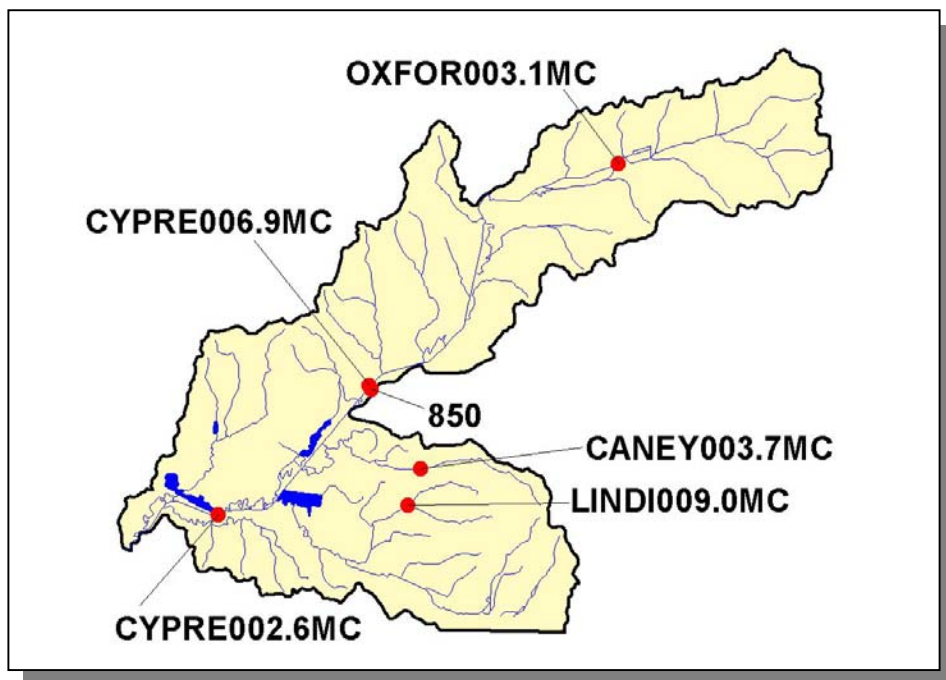


Figure 4-63. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102070603. More information, including site names and locations, is provided in Appendix IV.

4.2.D.iii.a. Point Source Contributions.

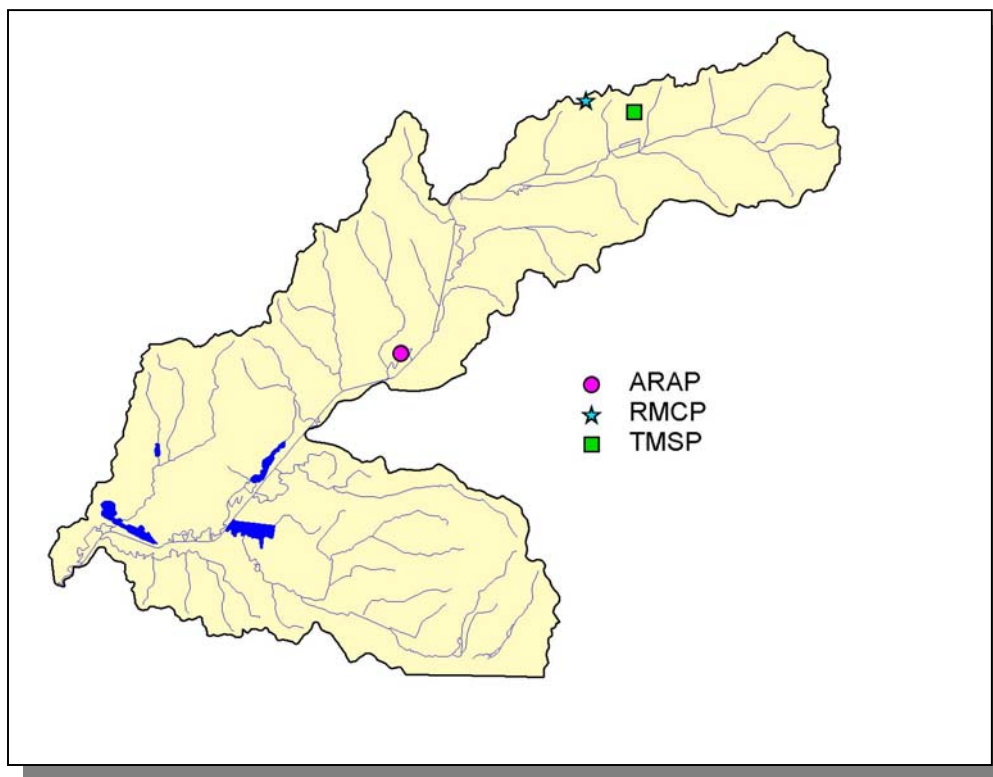


Figure 4-64. Location of Permits Issued in Subwatershed 080102070603. More information, including the names of facilities, is provided in Appendix IV.

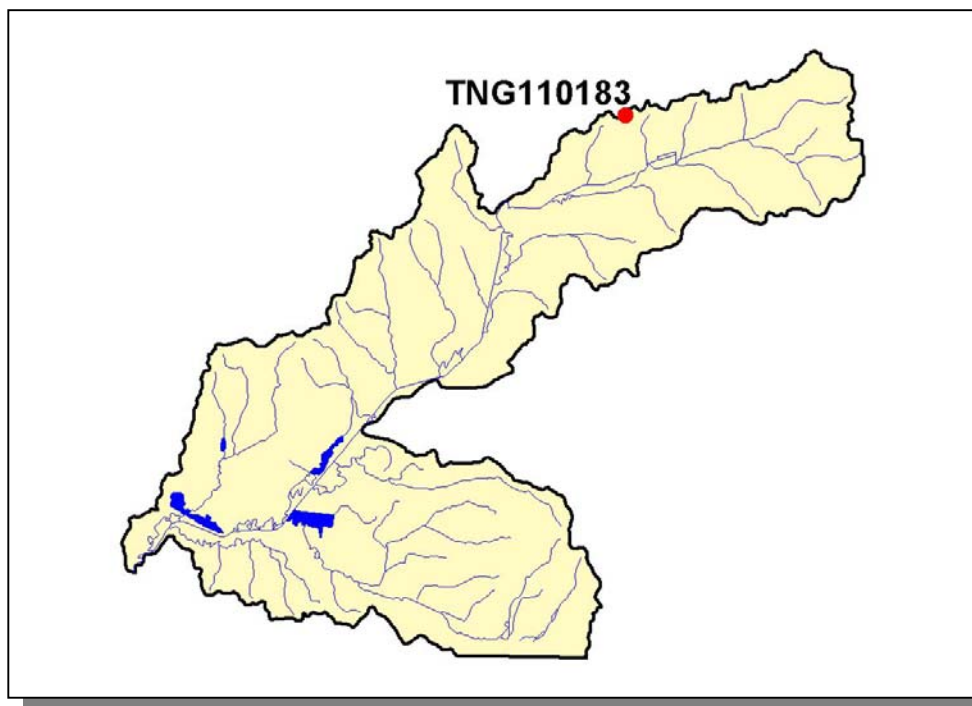


Figure 4-65. Location of Ready Mix Concrete Plants (RMCP) in Subwatershed 080102070603. More information is provided in Appendix IV.

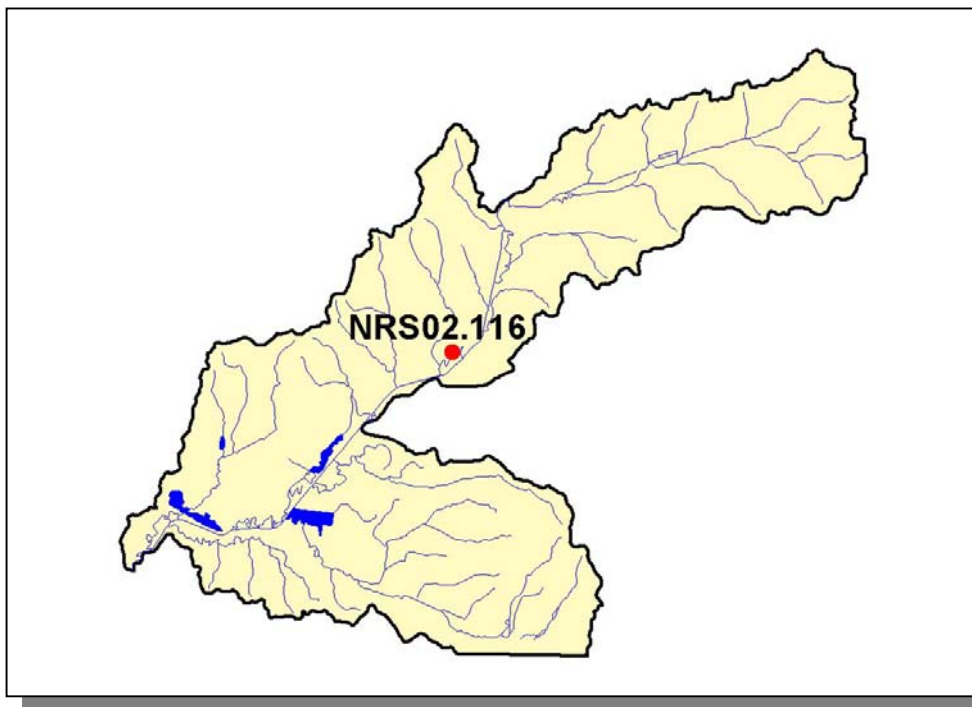


Figure 4-66. Location of Aquatic Resource Alteration Permit (ARAP) Sites (Individual Permits) in Subwatershed 080102070603. More information is provided in Appendix IV.

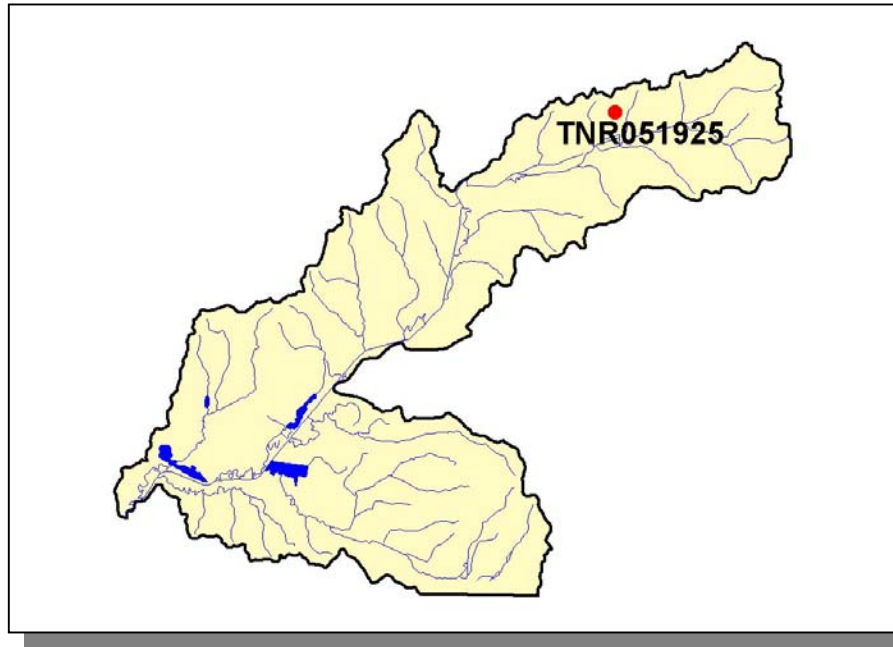


Figure 4-67. Location of TMSF Sites in Subwatershed 080102070603. More information, including the names of facilities, is provided in Appendix IV.

4.2.D.iii.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS					
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
626	1,154	<5	<5	1,181	10

Table 4-64. Summary of Livestock Count Estimates in Subwatershed 080102080603. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
McNairy	5,659	10,365	7	491	11,346	98

Table 4-65. Summary of Livestock Count Estimates in McNairy County. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

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	INVENTORY		REMOVAL RATE	
County	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
McNairy				

Table 4-66. Forest Acreage and Annual Removal Rates (1987-1994) in McNairy County.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.55
Grass (Hayland)	0.10
Legumes, Grass (Hayland)	0.07
Legumes (Hayland)	0.12
Grass, Forbs, Legumes (Mixed Pasture)	0.60
Corn (Row Crops)	10.91
Cotton (Row Crops)	5.77
Sorghum (Row Crops)	3.62
Soybeans (Row Crops)	9.68
Wheat (Close-Grown Cropland)	1.92
Other Cropland not Planted	2.26
Conservation Reserve Program Lands	0.28
Farmsteads and Ranch Headquarters	0.10

Table 4-67. Annual Estimated Total Soil Loss in Subwatershed 080102070603.